

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. NOVLP033X1/NVLS-000498X1

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD FOR REDUCING TUNGSTEN FILM ROUGHNESS AND IMPROVING STEP COVERAGE the specification of which,

(check one)	1	is attached hereto.			
	2. 🔀	U.S. Application No	st 26, 2003 10/649,351		
	3.	was filed on International PCT Appl	ication No.	as	
I hereby state that amended by any ar			ontents of the above-identified	d specification,	including the claims, as
I acknowledge the 37, CFR § 1.56.	duty to disclos	e information which is m	aterial to the patentability of	this application	in accordance with Title
Prior Foreign Ap	plication(s)				
I hereby claim for			ted States code, § 119(a)-(d) o		ny foreign application(s)
than the United S	States, listed be	low and have identified	International application whit below, by checking the box ving a filing date before that	any foreign a of the applicat	application for patent or tion on which priority is by Benefits Claimed?
than the United Sinventor's certification	States, listed be	low and have identified	below, by checking the box	any foreign a of the applicat	application for patent or tion on which priority is
than the United Sinventor's certifical claimed:	States, listed be	low and have identified ernational application ha	below, by checking the box ving a filing date before that	, any foreign a of the applicate Priorit Yes	application for patent or tion on which priority is by Benefits Claimed?
than the United Sinventor's certification claimed: (Application No.)	States, listed be ate, or PCT Int	low and have identified ernational application ha (Country)	below, by checking the box ving a filing date before that (Filing Date)	, any foreign a of the applicate Priorit Yes	application for patent or tion on which priority is y Benefits Claimed? No
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than the United Sinventor's certifical claimed: (Application No.) (Application No.) Provisi nal Appli I hereby claim the	States, listed be ate, or PCT Int	low and have identified ernational application ha (Country) (Country) 5 U.S.C. §119(e) of any U	below, by checking the box ving a filing date before that (Filing Date) (Filing Date)	, any foreign a of the applicate Priorit Yes	application for patent or tion on which priority is by Benefits Claimed? No No

Atty. Dkt. No.: NOVLP033X1/NVLS-000498X1 Page 1

(Revised 03/00)

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

. 09/975,074	10/9/01_	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434

22434

Direct Telephone Calls To:

Jeffrey K. Weaver at telephone number (510) 843-6200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of		O'.: 1:	D 11' CV
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Page 2

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	_		
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TO LAIT		Cities and in	Danielia af Vana
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Inventor's signature		Date of Signature:	
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Ninth Inventor:		Lana Hiului Chan	Citizenship:	United States
Inventor's signature:		Aul Q_	Date of Signature:_	12/19/03
Residence:	(City)	Santa Clara	(State/Country)	CA/US
. Post Office Ad	()/ =	623 Salberg Avenue, Santa Clara, CA	` •	

Atty. Dkt. No.: NOVLP033X1/NVLS-000498X1



DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. NOVLP033X1/NVLS-000498X1

As a below-named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe that I am the original, first and solo inventor (if only one name is listed below) or an original, first and joint inventor (if phiral names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD FOR REDUCING TUNGSTEN FILM ROUGHNESS AND IMPROVING STEP COVERAGE the specification of which, is attached hereto. (check one) 2. Was filed on_ August 26, 2003 U.S. Application No. 10/649,351 and was amended on _ 3. was filed on International PCT Application No. and was amended on _ I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56. Prior Foreign Application(s) I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed: Priority Benefits Claimed? Yes ___ No ___ (Application No.) (Country) (Filing Date) Yes ___ No ___ (Application No.) (Country) (Filing Date) Provisional Application(s) I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below: 60/292,197 (Application No.) (Filing Date)

Atty. Dkt. No.: NOVLP033X1/NVLS-000493X1

Page 1

Filing Date)

(Revised 03/00)

(Application No.)

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

	10/9/01	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
Power of Attorney		
And I hereby appoint the law firm of Number 022434 as my principal att Office connected therewith.	Beyer Weaver & Thomas, orneys to prosecute this appl	LLP and all practitioners who are associated with the Custon ication and to transact all business in the Patent and Tradema
Direct Correspondence To:	Customer	r Number: 022434
		22434
	i &	22434 ;
Direct Telephone Calls To:	Jeffrey K. Weaver	at telephone number (510) 843-6200
Thereby declare that all cratements :	mada bassis of my ampalance	alledes are the said than all processes and an information w
belief are believed to be true; and fu like so made are punishable by fine	rther that these statements we or imprisonment, or both, un	wledge are true and that all statements made on information a are made with the knowledge that willful false statements and a der section 1001 of Title 18 of the United States Code, and a plication or any patent issuing thereon.
belief are believed to be true; and fullike so made are punishable by fine such willful false statements may jeon Typewritten Full Name of	rther that these statements we or imprisonment, or both, un pardize the validity of the app	are made with the knowledge that willful false statements and to der section 1001 of Title 18 of the United States Code, and to blication or any patent issuing thereon.
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belief are believed to be true; and fulke so made are punishable by fine such willful false statements may jeo Typewritten Full Name of Sole or First Inventor:	rther that these statements we or imprisonment, or both, un pardize the validity of the app	re made with the knowledge that willful false statements and der section 1001 of Title 18 of the United States Code, and delication or any patent issuing thereon. Citizenship: Republic of Korea
belief are believed to be true; and fulke so made are punishable by fine such willful false statements may jeout Typewritten Full Name of Sole or First Inventor: Inventor's signature: Residence: (City)	rther that these statements we or imprisonment, or both, un pardize the validity of the apparatize the validity of the appar	re made with the knowledge that willful false statements and der section 1001 of Title 18 of the United States Code, and delication or any patent issuing thereon. Citizenship: Republic of Korea Date of Signature: (State/Country) CA/US
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belief are believed to be true; and fulke so made are punishable by fine such willful false statements may jeo Typewritten Full Name of Sole or First Inventor: Inventor's signature: Residence: (City) Post Office Address:	rther that these statements we or imprisonment, or both, un pardize the validity of the apparation of	The made with the knowledge that willful false statements and of der section 1001 of Title 18 of the United States Code, and to olication or any patent issuing thereon. Citizenship: Republic of Korea Date of Signature: (State/Country) CA/US

Atty. Dkt. No.: NOVLP033X1/NVLS-000498X1 (Revised 63/00)

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Page 2

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Atty. Dkt. No.: NOVLP033X1/NVLS-000478X1 (Revised 63/00)